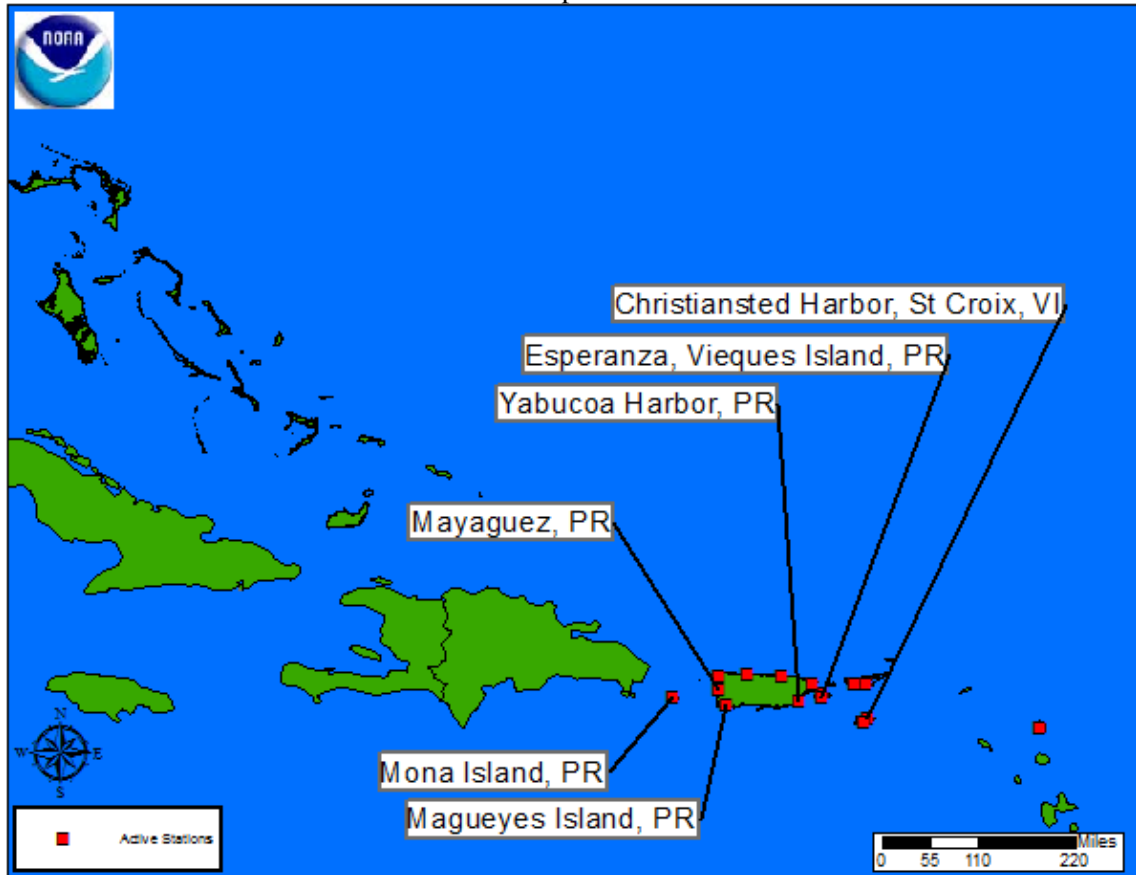




Tropical Depression GABRIELLE QuickLook  
Posted: 12:00 AST 09/05/2013

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

**No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.**

As of 09/05/2013 12:00 AST, water levels across Puerto Rico and the U.S Virgin Islands are slightly elevated and range between 0.2 to 0.5 ft above predicted tide levels. Winds are abating along the southern coast of Puerto Rico and are measuring between 5 and 10 knots with slightly higher gusts. Elsewhere along the Puerto Rican coast, winds remain light.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water (MLLW) are:

Christiansted Harbor, St Croix, VI: Next predicted high tides are 0.6 ft (0.19 m) at 09/05/2013 20:18 AST and 0.5 ft (0.16 m) at 09/06/2013 08:27 AST.

Tropical Depression GABRIELLE QuickLook, POSTED 12:00 AST 09/05/2013

Esperanza, Vieques Island, PR: Next predicted high tides are 0.6 ft (0.17 m) at 09/05/2013 20:20 AST and 0.5 ft (0.15 m) at 09/06/2013 07:53 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.5 ft (0.16 m) at 09/05/2013 20:42 AST and 0.4 ft (0.13 m) at 09/06/2013 08:54 AST.

Magueyes Island, PR: Next predicted high tides are 0.7 ft (0.22 m) at 09/05/2013 20:54 AST and 0.6 ft (0.18 m) at 09/06/2013 08:56 AST.

Mayaguez, PR: Next predicted high tides are 1.4 ft (0.42 m) at 09/05/2013 20:51 AST and 1.3 ft (0.40 m) at 09/06/2013 09:09 AST.

Mona Island, PR: Next predicted high tides are 0.6 ft (0.19 m) at 09/05/2013 20:29 AST and 0.4 ft (0.13 m) at 09/06/2013 02:20 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:TKM

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION GABRIELLE ADVISORY NUMBER 4  
1100 AM AST THU SEP 05 2013

...GABRIELLE DOWNGRADED TO A DEPRESSION...  
...WARNINGS DISCONTINUED FOR PUERTO RICO...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY...

ALL COASTAL WARNINGS AND WATCHES HAVE BEEN DISCONTINUED FOR PUERTO RICO.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WATCH IS IN EFFECT FOR...

\* DOMINICAN REPUBLIC FROM CABO ENGANO TO CABO FRANCES VIEJO

INTERESTS ELSEWHERE IN HISPANIOLA...PUERTO RICO...THE SOUTHEASTERN BAHAMAS...AND THE TURKS AND CAICOS ISLANDS SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 1100 AM AST...1500 UTC...THE CENTER OF TROPICAL DEPRESSION GABRIELLE WAS LOCATED NEAR LATITUDE 17.5 NORTH...LONGITUDE 68.1 WEST. THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 9 MPH...15 KM/H...AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 HOUR OR SO.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 35 MPH...55 KM/H...WITH HIGHER GUSTS. GABRIELLE HAS BECOME VERY POORLY ORGANIZED...AND IT IS EXPECTED TO DEGENERATE TO A REMNANT LOW PRESSURE AREA TONIGHT OR FRIDAY AS THE CENTER MOVES OVER THE DOMINICAN REPUBLIC.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1011 MB...29.85 INCHES BASED ON A COMBINATION OF AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT AND SURFACE DATA.

HAZARDS AFFECTING LAND

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RAINFALL...GABRIELLE IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 2 TO 4 INCHES OVER PUERTO RICO AND THE U.S. VIRGIN ISLANDS...WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 8 INCHES POSSIBLE IN AREAS OF MOUNTAINOUS TERRAIN. THESE RAINS COULD CAUSE DANGEROUS FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN.

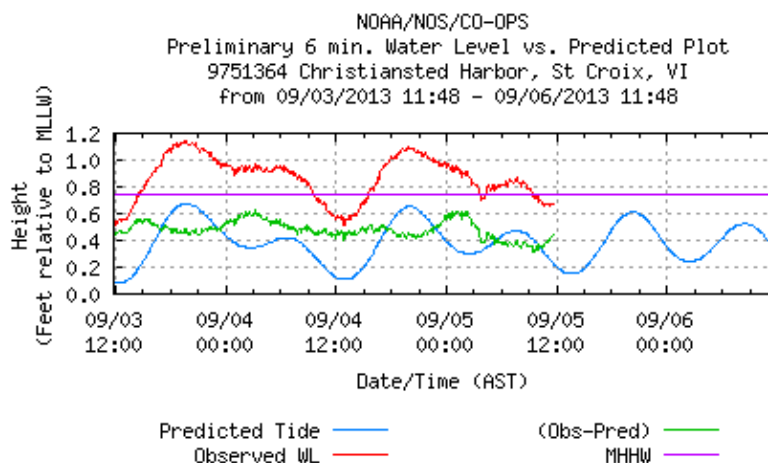
WIND...TROPICAL-STORM-FORCE WIND GUSTS ARE POSSIBLE TODAY OVER PORTIONS OF PUERTO RICO AND THE VIRGIN ISLANDS.

FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Christiansted Harbor, St Croix, VI - Return to List

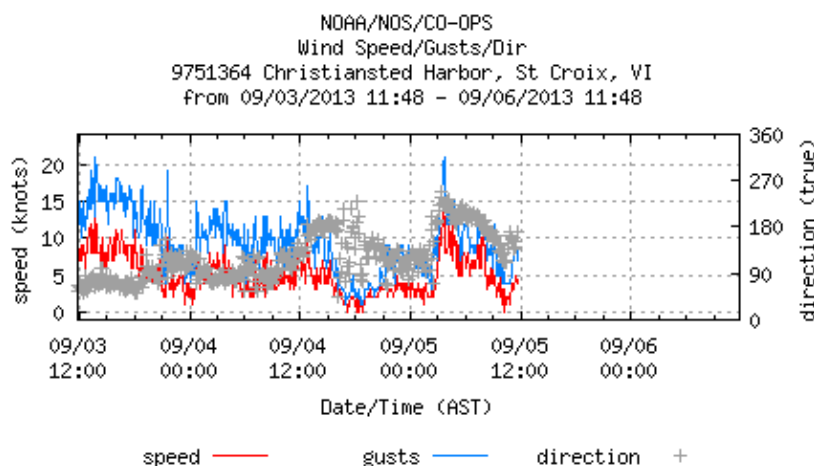


Last Observed Sample: 09/05/2013 11:36 (AST)

Relative to MLLW: **Observed: 0.67 ft.** **Predicted: 0.23 ft.** **Residual: 0.44 ft.**

Historical Maximum Water Level: Oct 16 2008, 1.91 ft. above MLLW

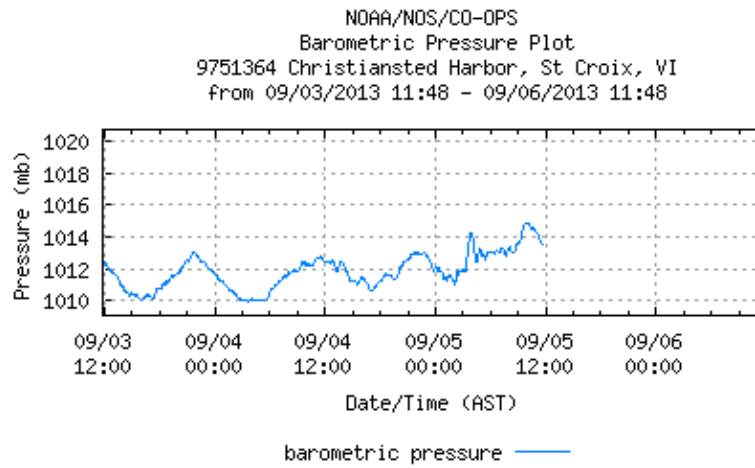
Christiansted Harbor, St Croix, VI - Return to List



Last Observed Sample: 09/05/2013 11:36 (AST)

**Wind Speed: 4 knots** **Gusts: 7 knots** **Direction: 169° T**

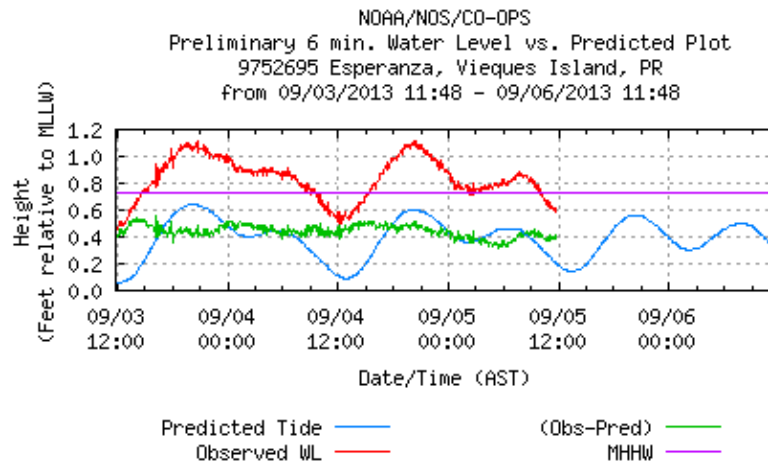
Christiansted Harbor, St Croix, VI - Return to List



Last Observed Sample: 09/05/2013 11:36 (AST)

Barometric Pressure: 1013.5 mb

Esperanza, Vieques Island, PR - Return to List

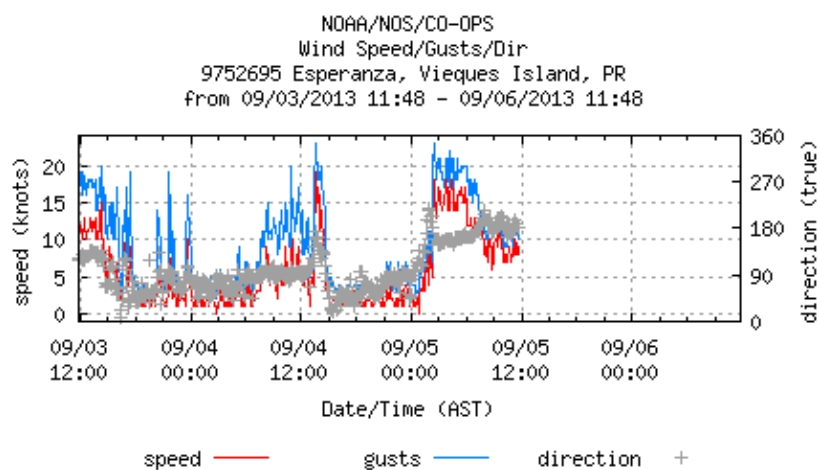


Last Observed Sample: 09/05/2013 11:42 (AST)

Relative to MLLW: **Observed: 0.58 ft.** **Predicted: 0.20 ft.** **Residual: 0.38 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

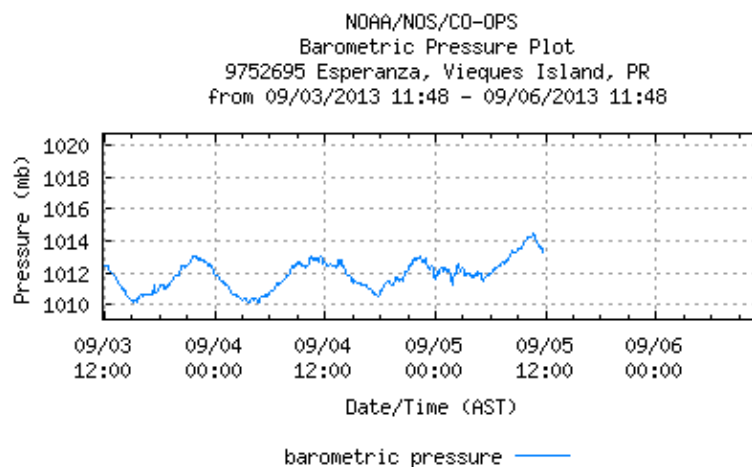
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/05/2013 11:42 (AST)

Wind Speed: 9 knots Gusts: 10 knots Direction: 183° T

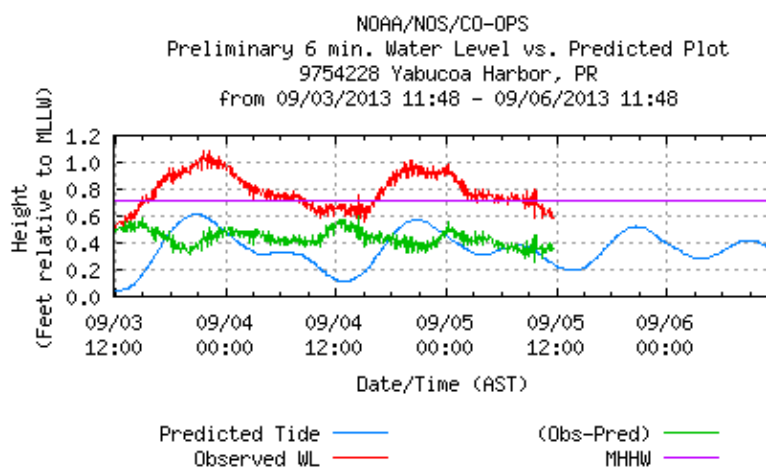
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/05/2013 11:42 (AST)

Barometric Pressure: 1013.3 mb

Yabucoa Harbor, PR - Return to List

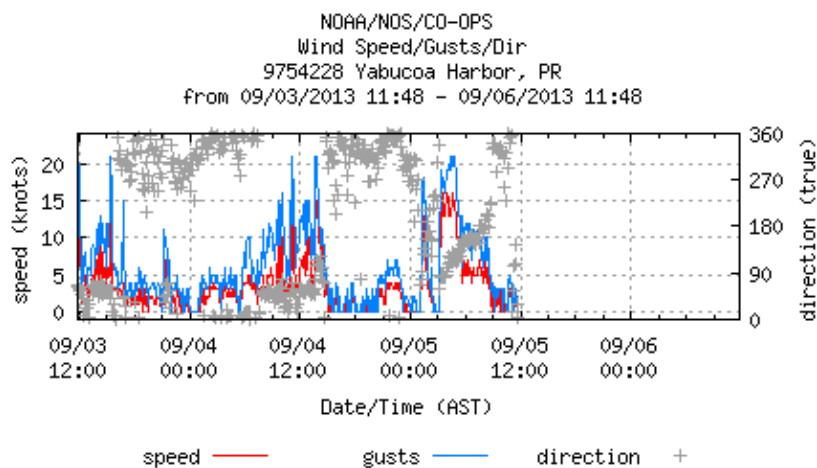


Last Observed Sample: 09/05/2013 11:42 (AST)

Relative to MLLW: **Observed: 0.59 ft.** **Predicted: 0.24 ft.** **Residual: 0.35 ft.**

Historical Maximum Water Level: n/a

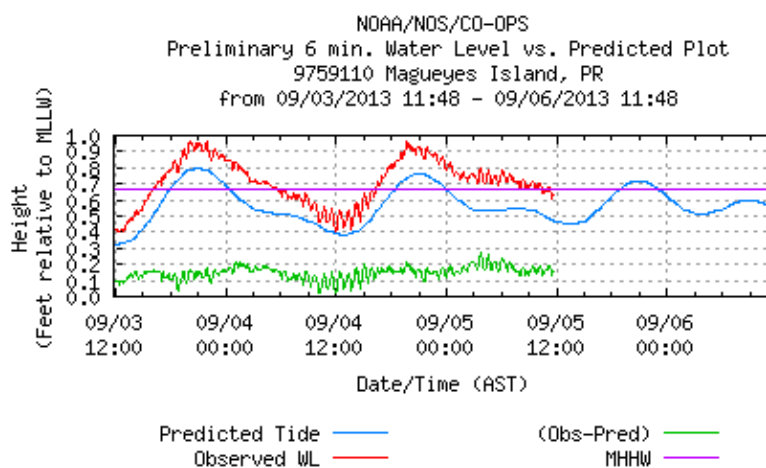
Yabucoa Harbor, PR - Return to List



Last Observed Sample: 09/05/2013 11:42 (AST)

**Wind Speed: 0 knots** **Gusts: 0 knots** **Direction: 30° T**

Magueyes Island, PR - Return to List

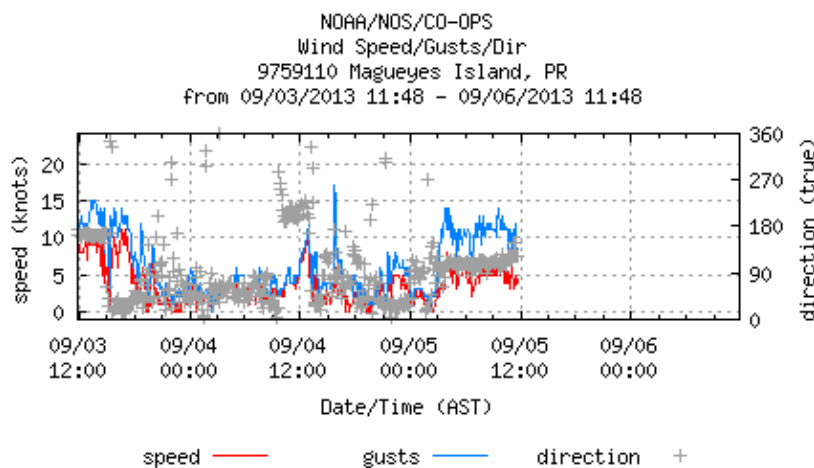


Last Observed Sample: 09/05/2013 11:36 (AST)

Relative to MLLW: **Observed: 0.63 ft.** **Predicted: 0.48 ft.** **Residual: 0.15 ft.**

Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

Magueyes Island, PR - Return to List

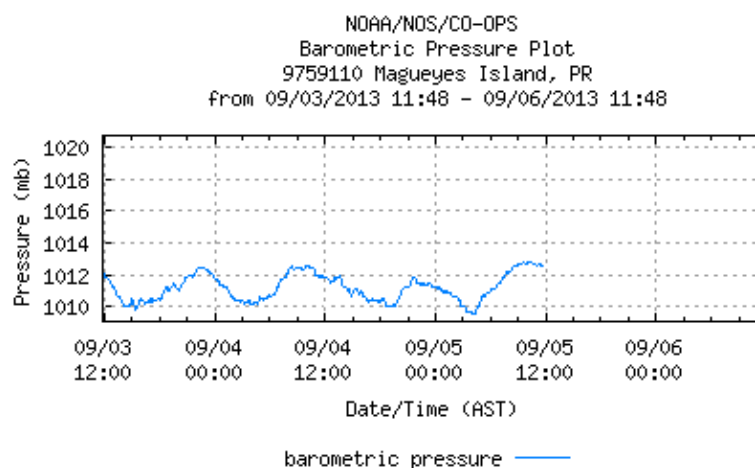


Last Observed Sample: 09/05/2013 11:36 (AST)

**Wind Speed: 4 knots** **Gusts: 8 knots** **Direction: 122° T**



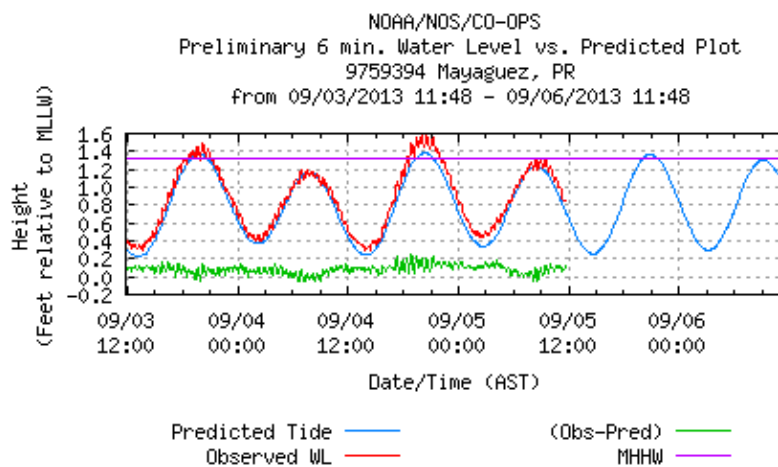
Magueyes Island, PR - Return to List



Last Observed Sample: 09/05/2013 11:36 (AST)

Barometric Pressure: 1012.6 mb

Mayaguez, PR - Return to List

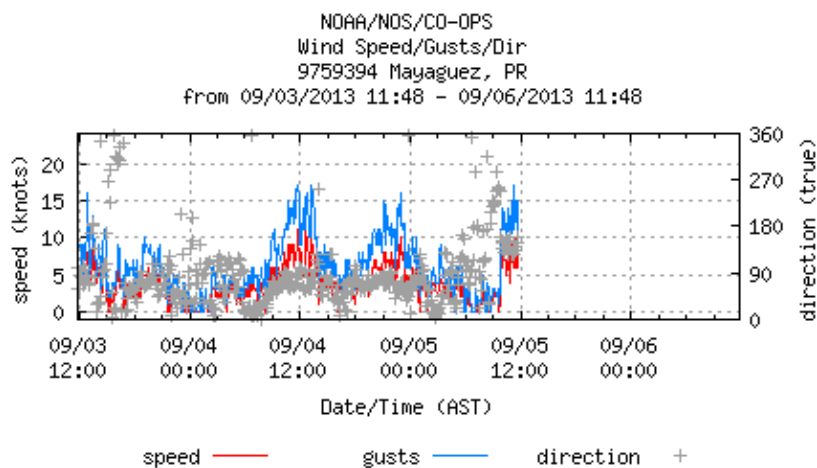


Last Observed Sample: 09/05/2013 11:42 (AST)

Relative to MLLW: Observed: 0.84 ft. Predicted: 0.71 ft. Residual: 0.13 ft.

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

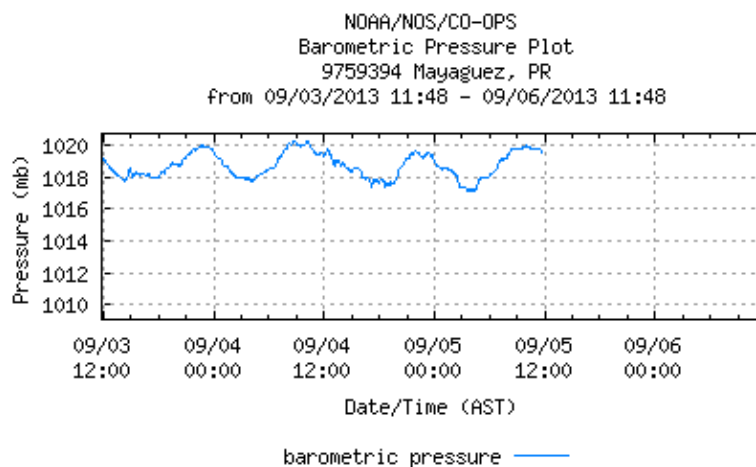
Mayaguez, PR - Return to List



Last Observed Sample: 09/05/2013 11:42 (AST)

Wind Speed: 9 knots Gusts: 15 knots Direction: 147° T

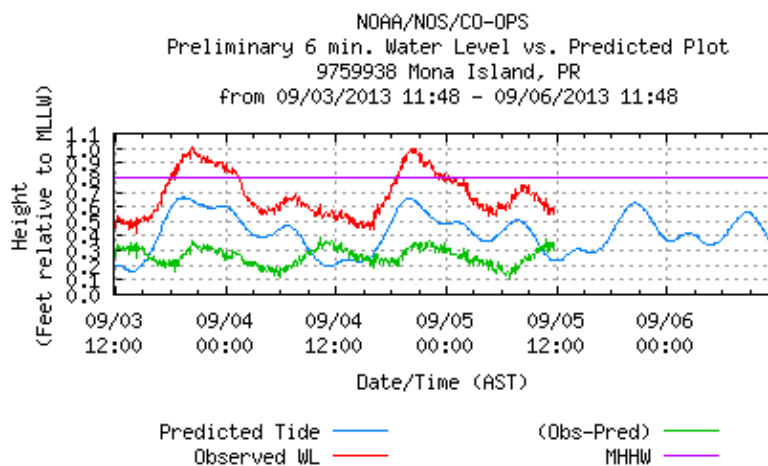
Mayaguez, PR - Return to List



Last Observed Sample: 09/05/2013 11:42 (AST)

Barometric Pressure: 1019.5 mb

[Mona Island, PR - Return to List](#)

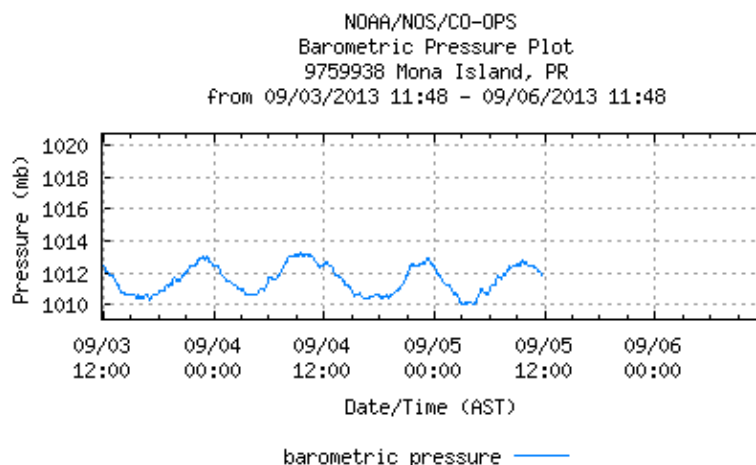


Last Observed Sample: 09/05/2013 11:42 (AST)

Relative to MLLW: **Observed: 0.59 ft.** **Predicted: 0.23 ft.** **Residual: 0.36 ft.**

Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

[Mona Island, PR - Return to List](#)



Last Observed Sample: 09/05/2013 11:42 (AST)

**Barometric Pressure: 1011.9 mb**